

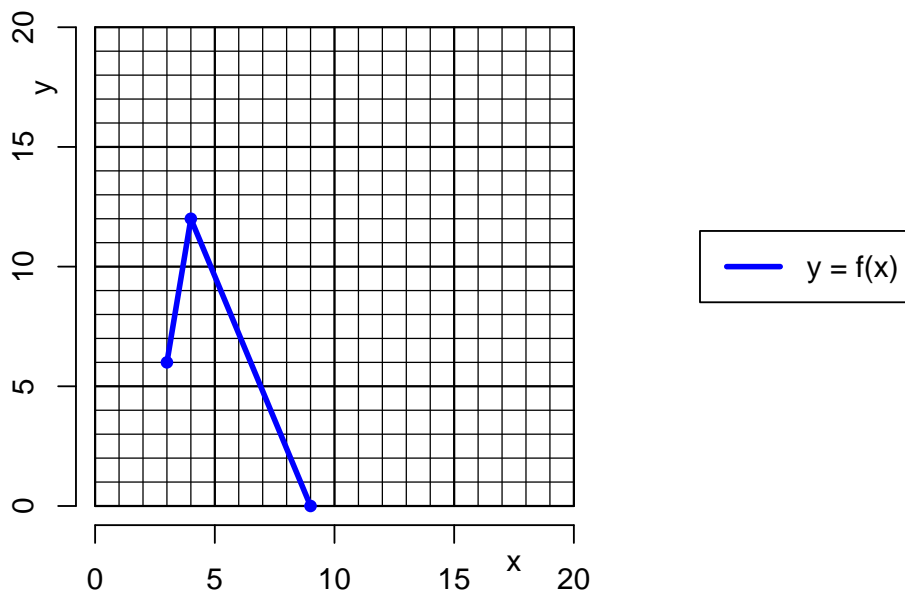
Name: _____

Date: _____

PCW_09_18 Find new points after transformation (version 32)

Question 1

Curve $y = f(x)$ contains points $(3, 6)$ and $(4, 12)$ and $(9, 0)$, as shown on the x - y plane below.

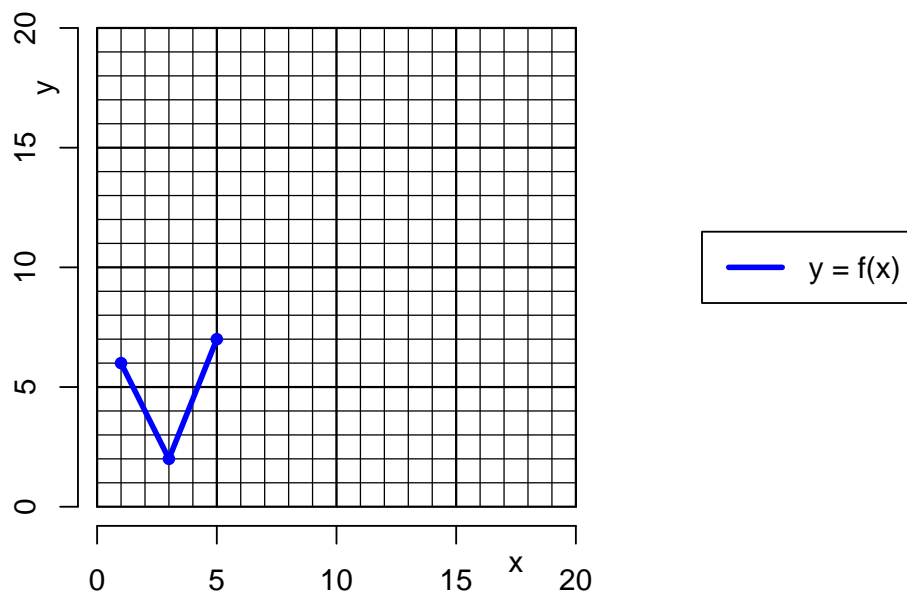


On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f\left[\frac{x-2}{2}\right]}{3} + 6$$

Question 2

Curve $y = f(x)$ contains points $(1, 6)$ and $(3, 2)$ and $(5, 7)$, as shown on the x - y plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = 2f\left[\frac{x-3}{3}\right] + 6$$